



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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June 12, 2003

TO: Minerals File

FROM: Paul Baker, Senior Reclamation Biologist 

RE: Site Inspection, H & H Stone, Holley Project, S/037/117, San Juan County, Utah

Date of Inspection: May 29, 2003
Time of Inspection: 2:30-3:15 p.m.
Conditions: Partly cloudy, 80's
Participants: Paul Baker (DOGM)

Purpose of Inspection:

There was no specific reason for the inspection. This is a new operation and I was in the area and wanted to visit the site.

Getting to the site:

About 1.2 miles south of Summit Point, turn east for 0.5 miles. At this point, there is a gate and the road turns southeast. Go for another 0.2 miles at which point there is a road that continues southeast and another that heads northeast. Take the road going northeast into a narrow canyon that later opens up. From where you turn and head northeast, it is 1.7 miles to the quarry. The quarry is in the drainage near a stock pond.

Observations:

The quarry is in a shallow draw (Photo 4), and it appears there is less soil/overburden nearer the center of the drainage than in adjacent areas. The operator has pushed soil into berms around the quarry (Photos 1 and 2), particularly on the north side. Equipment on site included a front end loader, a forklift, and a Bobcat. There were about 20 pallets of stone.

I believe the material shown in Photo 2 is salvaged soil, but there is a large pile in Photos 1 and 3 that might be either soil or overburden.

In nearby areas, there was some disturbance from ranching operations, including the stock pond and a corral. The cultural resources survey indicates there is a foundation for an old house, but I did not look for it.

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H & H Stone, Holley Project

S/037/117

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I took global positioning system (GPS) readings of the site perimeter and from this created a map which is attached to this report. The disturbed area was 2.45 acres.

Conclusions and Recommendations:

The draw in which the quarry is being operated is ephemeral, and although it does not appear there is often very much water in it, it would be fairly simple for the operator to install a silt fence or straw bales to reduce the amount of sediment leaving the mine. Straw bales would be installed across the drainage with stakes driven through them into the ground to hold them in place. A silt fence would be made from geotextile with the bottom buried a few inches below the surface and the top wired to some stakes.

If the material in the large pile shown in Photos 1 and 3 is soil, it needs to be protected. Even if it is considered overburden, it would probably substitute as a soil since the parent material is sandstone.

After giving approval for this project, the Division received comments from the Division of State History indicating one of the cultural resource sites in the area might be eligible for listing in the National Register of Historic Places. On June 12, 2003, I spoke with Andrea Holley who works for the operator and discussed these comments from State History. The operator should attempt to avoid the site in question which is mostly a house foundation. The site may or may not be significant; archaeologists who have viewed the report have expressed different opinions. The Division received verbal approval from the Division of State History to allow the project to continue, and this is documented in a memorandum to file.

cc: Fred and Marty Holley, Operators

John Blake, SITLA

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ATTACHMENT

Inspection Date: May 29, 2003; Report Date: June 20, 2003

Photographs

S/037/117, Holley Project, G & H Stone



Photo 1. Forklift and Bobcat on the left with a pile of overburden or soil near the center.



Photo 3. A front end loader with some pallets of stone.

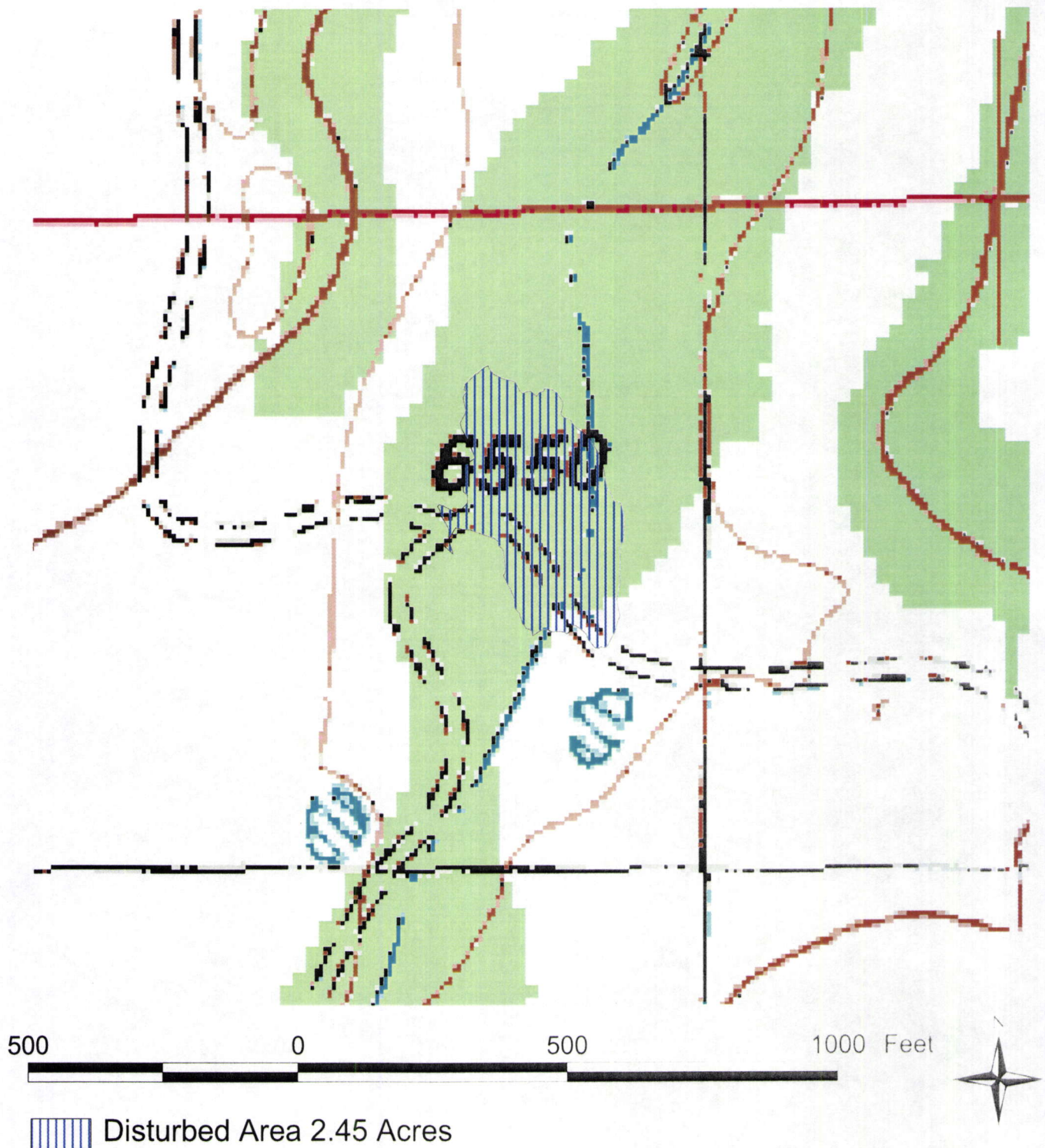


Photo 2. A soil berm.



Photo 4. This photo was intended to show how the drainage goes through the quarry, but the drainage does not show up well because it is broad with a low gradient.

H & H Quarry S/037/117



Map created June 12, 2003, by Paul Baker from GPS data gathered May 29, 2003.
Summit Point Quad, N1/2 NE 1/4 Section 32, Township 31 South, Range 26 East, SLBM.

This map may not meet Division standards for accuracy and content because different data sources and input scales may cause misalignment of data layers.